



## OFICIAL BREAKDOWN CHART

PROJECT: Rappel Tower Construction

Place: TULLUA, VALLE

Date: Sept, 2012

RAPPEL TOWER TULLUA, VALLE					
Ítem	Description	Unit	Quantity	Unit Cost	Total Cost
<b>1 PRELIMINARIES</b>					
1.1	Soil study	Gbl	1		
1.2	Location and Layout	Gbl	1		
1.3	Temporary Facilities (Including enclosure)	Gbl	1		
1.4	Removal of surface layer	Gbl	1		
<b>2 FOUNDATION AND CONCRETE STRUCTURES</b>					
2.1	Excavation	Gbl	1		
2.2	Compacting of the foundation level	Gbl	1		
2.3	Filling in compacted granular material	Gbl	1		
2.4	Cyclopean concrete Support	Gbl	1		
2.5	Concrete Footing	Gbl	1		
2.6	Concrete Tie beams	Gbl	1		
2.7	Columns - structural walls	Gbl	1		
2.8	Concrete Sub-floor slab	Gbl	1		
2.9	Concrete Floor slab - Level 2	Gbl	1		
2.10	Concrete Floor slab - Level 3	Gbl	1		
2.11	Concrete Floor slab - Level 4	Gbl	1		
2.12	Concrete Floor slab - Level 5	Gbl	1		
2.13	Concrete Floor slab - Level 6	Gbl	1		
2.14	Concrete Floor slab - Level 7	Gbl	1		
2.15	Concrete Ditch	Gbl	1		
2.16	Structural masonry	Gbl	1		
2.17	Sand bags walls for cushioning system, including drainage system	Gbl	1		
2.18	"Casaca de Arroz" for cushioning system	Gbl	1		
<b>3 METALLIC ELEMENTS</b>					
3.1	Metallic Stairs	Gbl	1		
3.2	Metallic Handrails	Gbl	1		
3.3	Metallic Support structures	Gbl	1		
3.4	Roof Metallic Structure	Gbl	1		
3.5	Roof Tiles	Gbl	1		
3.6	Chain Link fence and access doors	Gbl	1		
3.7	Skids for two (2) concrete platforms	Gbl	1		
3.8	Metallic side rope protectors for concrete platforms	Gbl	1		
<b>4 ELECTRICAL WORKS</b>					
4.1.1	Obstruction lights	Gbl	1		
4.1.2	Ground system- Tower	Gbl	1		
4.1.3	Lightning protection system (Exterior)	Gbl	1		
<b>DIRECT COST (Civil and electrical works)</b>					
Administration, Unforeseen (A, I)		%			
Profit (U)		%			
<b>SUBTOTAL</b>					
VAT (over the profit or total value, based on the regime)		%			
<b>TOTAL (COLOMBIAN PESOS)</b>					
<b>PERFORMANCE TIME (in calendar days)</b>					

UNITED STATES DEPARTMENT OF STATE  
 BREAKDOWN OF PRICE BY DIVISIONS OF SPECIFICATIONS

1	2	3	4	5	6
DIVISION/DESCRIPTION	LABOR	MATERIALS	OVERHEAD	PROFIT	TOTAL
1. General Requirements/Mobilization					
2. Site Work					
3. Concrete					
4. Masonry					
5. Metals					
6. Wood and Plastic					
7. Thermal and Moisture					
8. Doors and Windows					
9. Finishes					
10. Specialties					
11. Equipment					
12. Furnishings					
13. Special Construction					
14. Conveying Systems					
15. Mechanical					
16. Electrical					
TOTAL					

**Colombian Pesos**

Allowance Items:

PROPOSAL PRICE TOTAL:

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Alternates (list separately do not total)

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Offeror:

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Date

DETAILED BIDDING CHART - Guide-

Item	Description	Unit	Quantity	Unit Price	Total Price
	These are examples of how to present this chart. Note this is a guide and just some few examples were included and are not referenced to this specific project.				
	<b>Civil works</b>				
	Excavations for piping	m3	35		
	Excavations for foundations	m3	150		
	Back fill for slab	m3	100		
	Plaster for walls	M <sup>2</sup>	50		
	<b>Electrical and Cabling works</b>				
	110 Outlets	Un	20		
	Voice and data outlets	Un	14		
	Electrical channeling	MI	80		
	<b>Furniture</b>				
	Interlocutor Chairs	Un	18		
	Work stations 1.50	Un	18		
	Floor to ceiling panels	MI	60		
	<b>DIRECT COST</b>				
	Discount ( If applies)	%			
	Admin costs	%			
	Unforeseen				
	Profit	%			
	<b>SUBTOTAL</b>				
	<b>Taxes IVA</b>				
	<b>TOTAL</b>				